





Created: 1 day, 0 hours after earthquake

PAGER

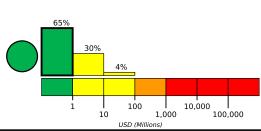
Version 3

M 5.4, Minahasa, Sulawesi, Indonesia

Origin Time: 2023-10-28 15:01:58 UTC (Sat 23:01:58 local) Location: 1.7869° N 120.1927° E Depth: 15.6 km

Estimated Fatalities 10,000 1,000

Green alert for shaking-related fatalities Estimated Economic Losses and economic losses. There is a low likelihood of casualties and damage.



Estimated Population Exposed to Earthquake Shaking

120.2°E

ESTIMATED POPULATION EXPOSURE (k=x1000)		_*	727k	21k	0	0	0	0	0	0
ESTIMATED MODIFIED MERCALLI INTENSITY		I	11-111	IV	V	VI	VII	VIII	IX	X+
PERCEIVE	SHAKING	Not felt	Weak	Light	Moderate	Strong	Very Strong	Severe	Violent	Extreme
POTENTIAL	Resistant Structures	None	None	None	V. Light	Light	Moderate	Mod./Heavy	Heavy	V. Heavy
DAMAGE	Vulnerable Structures	None	None	None	Light	Moderate	Mod./Heavy	Heavy	V. Heavy	V. Heavy

^{*}Estimated exposure only includes population within the map area.

Population Exposure

119.1°E

population per 1 sq. km from Landscan

121.4°E

Structures 5000

Overall, the population in this region resides in structures that are vulnerable to earthquake shaking, though resistant structures exist. The predominant vulnerable building types are unreinforced brick with concrete floor and precast concrete frame with wall construction.

Historical Earthquakes

Date	Dist.	Mag.	Max	Shaking
(UTC)	(km)		MMI(#)	Deaths
2005-01-23	343	6.2	VII(788k)	1
1990-04-18	298	7.6	VII(656k)	3
1996-01-01	124	7.9	VIII(92k)	8

PAGER content is automatically generated, and only considers losses due to structural damage. Limitations of input data, shaking estimates, and loss models may add uncertainty.

Selected City Exposure

from G	eonames.org	
MMI	City	Population
III	Ogotua	<1k
Ш	Tinabogan	<1k
Ш	Tolitoli	<1k
Ш	Kali	<1k
Ш	Bunobogu	<1k
Ш	Lamadong	<1k
Ш	Buol	<1k
Ш	Lemito	<1k
Ш	Bokat	<1k
Ш	Marisa	<1k

bold cities appear on map.